

AMENDMENTS IN THE ABSTRACT:

~~METHOD AND APPARATUS FOR DISTRIBUTING TIMING DATA ACROSS A
PACKET NETWORK~~

A method ~~[of]~~ for distributing timing information across a packet network ~~[7]~~. The method ~~comprises~~ includes generating timing signals at a master clock ~~[8]~~ at predictable intervals using a clock reference of a given frequency. The timing signals are broadcast or multicast to a plurality of slave clocks ~~[9]~~ over ~~said the~~ packet network ~~[7]~~, preserving the timing signal intervals. At each ~~said~~ slave clock ~~[9]~~, the intervals between successively received timing signals are determined. A clock recovery algorithm is applied to ~~said the~~ determined intervals to recover in substantially real time the original clock frequency. The local clock frequency of the slave clock is ~~synchronised~~ synchronized to the recovered frequency.